



United States Army Program Executive Office Missiles and Space



Huntsville, Alabama

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Close Combat Weapon Systems (CCWS)

Introduction

The CCWS Project Office manages a number of anti-armor missile and target acquisition systems. Current missile systems include TOW 2, TOW 2A, TOW 2B, and the Javelin Medium Anti-tank System. CCWS-managed target acquisition systems include the Improved Target Acquisition System (ITAS) and the Improved Bradley Acquisition Subsystem (IBAS). CCWS is also responsible for managing related ancillary Bradley TOW subsystems items and for preliminary work on the TOW Fire-and-Forget Missile System.

Mission

The Close Combat Weapon Systems (CCWS) Project Office is an umbrella organization under the Program Executive Office, Missiles and Space, which exercises full-line authority over all planning, direction, and control of tasks and designated associated resources involved in the Javelin Missile System Acquisition Category I (ACAT I) and several ACAT III programs to include the Improved Target Acquisition System (ITAS); Improved Bradley Acquisition Subsystem (IBAS); and the Tube-launched, Optically-tracked, Wire-guided (TOW) family of missiles and the related ancillary items and improvements to all these items. This responsibility includes all phases of research and development, procurement, distribution, and logistical support for the purpose of maintaining a balanced program to accomplish the US/allied objectives, including international interchangeability and maintainability, and is provided in accordance with the direction and authority from the Army Acquisition Executive. The office is responsible for coordinating all system requirements with Field Commands, TRADOC, HQDA, OSD, and other Government Agencies, and for coordinating and implementing programs into the Army's Current and Future Forces.

System Description

The Tube-launched, Optically-tracked, Wire-guided (TOW) Missile is a heavy anti-tank weapon system, consisting of a launcher and missile. The TOW 2A configuration is a direct-attack version of the TOW family of missiles capable of defeating modern threat targets. It consists of a single, main warhead and a standoff probe. The missile is fired from the Bradley, HMMWV, Stryker ATGM Vehicle, USMC AH-1 Cobra helicopter, or a ground mount. The TOW 2B configuration is a fly-over, shoot-down version with the actual missile flight path offset above the gunner's aim point. TOW 2B aero modifications incorporate a new aerodynamic nose and additional wire to increase the range to 4,500 meters. The missile is fired from a Bradley, HMMWV, Stryker ATGM Vehicle, and ground mount. The TOW Bunker Buster missile system provides the Stryker Brigade Combat Team with an optimized, precision assault weapon that will provide the capability to breach 8-in.-thick, double-reinforced, concrete walls and provides a structural overmatch against earth and timber bunkers. The missile can be fired from existing TOW platforms and is deployed with the ATGM variant of the Stryker.



Javelin is the first fire-and-forget, shoulder-fired, anti-tank missile fielded to the Army and the Marine Corps, replacing DRAGON. Javelin's unique top-attack flight mode, self-guiding tracking system, and advanced warhead design enables it to defeat all known tanks out to ranges in excess of 2,500 meters. The Javelin Weapons System is the dismounted weapon of choice for the Future Combat Systems (FCS) Brigade Combat Teams (BCT) Complementary Systems.

For more information, please contact:

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Close Combat Weapon Systems (CCWS)



TOW 2A/B missile optimized for performance against tanks with reactive armor

Effective assault weapons against buildings and field fortifications

TOW Bunker Buster missile optimized for performance against urban terrain targets and field fortifications

Javelin – First fire-and-forget, shoulder-launched, anti-armor missile system

Top-attack/direct-fire modes

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